S/N 10/696,426 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

MILLER ET AL.

Examiner:

RAMPURIA, SATISH

Serial No.:

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Title:

METHOD AND SYSTEMS FOR LEARNING MODEL-BASED

LIFECYCLE DIAGNOSTICS

EFS-WEB TRANSMISSION JUNE 4, 2007

AMENDMENT AND RESPONSE

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

23552
PATENT TRADEMARK OFFICE

Dear Sir:

In response to the non-final Office Action mailed January 4, 2007, please consider and enter the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 8 of this paper.